p55

*Previous references.*
Mbl 511-96 (1-2)

1916.
( Mun l. )

File No 514-08
Serial Nos 1-5 & 8

*Later references*
Mbl 184-09 (6,8-11013-16)
Mbl 109-13 1-7

# GENERAL AND REVENUE SECRETARIAT

*Serial Nos.* 1-5 & 8

Part B for Septr 1910

SUBJECT.

Prevention of injury to drains in the Bangalore city.

1 From the Asstt Secretary, Br V, to R.S. & 4 6.09.
Forwards copy of to O No R 10229-3.2 / Agri. 224-08-7 for needful action together with copy of letter no 3551 & 4.5 09. from the Chief Engineer regarding the suggestions for the prevention of injury to drains in the Bangalore city by the cultivators on both sides of the drains. -

2 A. To the Secy. Govt No 13729 & 30.6 09 forwards copies of the Engineer's letter no 3551 & 4.5 09 and of its Enclosure & R.S 58 in re. cultivation of vegetables by Dhoplars on both sides of the City Main drain at Bangalore for favour of his views on the matter.
To the Presidt, Bangalore City Munl Council. No 13250 & 30 6.09. Forwards Copies of the Engineer's letter and of its Enclosure for report

G.R S 11] 1908-9

GENERAL AND REVENUE SECRETARIAT

( Mural )

NOTES.

Old File. No. 516-8

FILE HEADING

Prevention of injury to drains in the Bangalore city

From

Asst Secretary. Branch II, G R S

Govt order No. (10 229-32 / Ogn 226-08-7) Dated 6-6-09 Received 5-6-09

| Diary No 8742 | Enclrs 2 | Spare Copies | Serial No 1 |
|---|---|---|---|

BRIEF ABSTRACT OF LETTER.

Forwards copy of the Govt order for needful action together with copy of letter no 3557 dated 4th may 1909 from the Chief Engineer regarding the suggestions for the prevention of injury to the drains in the Bangalore city by the cultivators on both sides of the drains

NOTES AND ORDERS

The Chief Engineer reports that the main drain in the Bangalore city was completed down to the Lal Bagh Road bridge and handed over to the Municipality in December 1907. The Ryots and other cultivators on both sides

NOTES —First sheet

GPH—30,000—20-3-08.

Serial No

of the main drain who have always been using the drainage of the drains are reported to have built new wells with connections to the V drain in the centre of the main drain and in some cases to have actually removed the flagged floor and made holes in the main masonry walls by removing the pointing etc to draw the drainage to their wells.

2 This wanton damage was brought to the notice of the President of the Bangalore City Municipality and the Chief Engineer added that the Municipality either can not prevent such wanton damage or are perfectly indifferent to the proper maintenance of the works handed over to them and that it would be perfectly useless for Govt to go on spending money annually on these drainage projects if the Municipality are incapable of providing money for the up-keep of these works and can not afford to appoint an adequate and competent staff to look after them

to. often have tried to clear on to Govt

3 The chief Engineer suggests that cultivation on both sides of the drain should be prohibited on Sanitary grounds and that the area under cultivation about 50 acres and 20 guntas should be acquired as soon as possible



GPB—50,000—15-5-08

Serial No

R

1 The Protocol of the City Municipal Council to prohibit the use of the Sewage by the Hijalas on both sides of the drain was not sanctioned on first order no (G.G.) - 80/ Mil 5 1906-2 of 13-8-07 and the existing practice was ordered to continue until further orders

5 Submit for orders with references

A.S. Surg 9/6/09

6 The municipal President may be requested to take the necessary action for putting a stop to the nuisance and report on the damage alleged to have been caused to the drain and on the proposal to ~~put up a~~ prohibit cultivation entirely, on sanitary grounds.

A.S.(Sr) 14.6.09 Mill

302 17.6.09

7 Copy of Chief Engr's letter of 4th May 09 - may be sent to the President & an early report called for.

8 The Sanitary Commrs opinion may also be invited

Final Steps, Doc. the Municipality

G R S. 12}
General and Revenue Secretariat

File No 516 of 190

Serial No

Council propose to take to repair the damage already done to the main Drain & to prevent future damage ? Some explanation is necessary for permitting such damage to be done after the work was completed and handed over to the Council

Mr H
16/6/09

Chief
17/6

9 please put up draft
17 6 09 WWW

10 2 drafts put up-
Chief Engr 11 Issue
17/6 22-6-09 WWW

24 To the Secy Commr No 13279 & 30 6 09
12 Forwards copies of Ch Engrs letter No 3551 & of vegetable
4-5-09 and of its enclosure in re cultivation by
Dhoglars on both sides of the City Main Drain at Ba[illegible]
for favor of his views in the matter

25 To the Pres[t] Bangalore City Municpl Council No
13280 & 30-6-09
13 Forwards copies of Ch Engrs letters a -

sheet.

GPB—[illegible]—15-5-08

G R S. 12}
General and Revenue Secretariat

Jul File No 574 of 1908

4658 (5

| Serial No | |
|---|---|
| | its enclosure for report |
| 3 | From the Chief Engr No 13486 / 10. |
| 14 | Forwards for information of Govt copy of his letter No 133 to the Pres^dt of the Bangalore city Municipal Council re damage caused to the main outfall sewers of the Chamarajendrapet and Basaa Extensions of the Bangalore city |
| 15 | (1) The Chief Engr's previous reference on the subject was referred to the President for report No report has yet been received May this be awaited? |
| 16 | (2) A similar complaint was brought to the notice of Govt in the inspection notes of the late Captain Dawes. The file relating to this subject is now pending before the Dewan |
| | 17 Submitted for orders |
| Bbm 13/1/10 | 18 (1) may be awaited, re minders being issued - |
| | 19 (2) It was not in the inspection notes of Captain Dawes that the damage to the outfall sewer had been noticed. The Sanitary Engineer had made a reference to the Chief Engineer on the matter - |
| | 1st Cr) 17 / 1 / 10 Dewan |
| 7 25 / 19 / 1 10 | 20 Please refer to both Complaints & call for a report within 10 days |

Mem.—Contin. sheet

GPB—50,000—18-5-08

G. E. S. 12]
General and Revenue Secretariat.

File No. 514 of 19

4430 C6

Serial No

It is somewhat disappointing that such serious complaints of neglect remain unattended to by the Municipal Executive even after their attention has been called to the same by the P W Deptt. The delay in answering is another unsatisfactory feature.

21 Put up draft
19/1/10

22. Draft put up.
23 Issue
24/1/10

4. To the Pres[t], Bangalore City Municipal Council. No 6213 & 25-1-10.

I am Directed to observe that it is somewhat disappointing that such serious complaints of neglect as those referred to above should remain unattended to by the Municipal Executive even after their attention has been called to the same by the P W. Dep[t]. and that the delay in answering is another unsatisfactory feature, and requests him to submit within 10 days after the receipt of this G.O. the report called for in Sec No 2.

Note—Contn. sheet.

GPH—50,000—12-5-08

G R S 1[illegible]
General and Revenue Secretariat

Ind File No. 514 of 1908 5348 C7

Serial No. 5

From the Pres[dt], Bangalore city Munc[pl] Council.
Ct. 1738/10-2-10

25 Submits a report regarding the damage done to the main drain in the Bangalore City.

26 The President's report reveals quite a different story He states that the damage referred to in the Sanry Engr's letter did exist at the time the drains were handed over to the Municipality and that the Municipality were not informed by the Sanitary Engineering Dep[t] as to whether any and what extent of land had been acquired on account of the drain & left as margin thereof

27 The Pres[dt] also states that after the original detailed survey ~~map~~ plans from the Sanry Engr's office were ready no time would be lost to find out the individual encroachment and to rectify the same by prosecuting the parties concerned. if necessary

28 The Sanitary Comm[r]'s opinion called for in para 12 of the note has not yet been received Reminders are being regularly issued to them

2A

29 Submitted for orders

15/2/10

30 The present is a reply to this office communication dated 30th June 1909 and deals with damage to the City main drain.

Note—Orders about

GPB—10,000—27-6-10

Serial No

and encroachment ~~of~~ on the 10 ft of reserved land on the sides of that drain. It mentions nothing about the damage caused to the main outfall sewers of the Ballamarajendrapet and the Basavanagudi extensions referred to in the Sanitary Engineer's letter dated 20th Dec 1909, ~~dated~~ regarding which also, a report was called for in ~~this~~ G O dated 25th Jan 1910.

31 When Govt were moved in 1907 to prohibit the taking of bullage from the main drain in the City for purposes of cultivation, on sanitary grounds, it was ordered that there ~~was~~ was no use in essuing the prohibition then as the project for dealing with the sewage at ~~the~~ the Sunkal Tank had not been matured or put in hand (Vide G O dated 13th Aug 1907)

32. Regarding the Chief Engineers proposal contained in his



GPS—15,000—17-4-09

Serial No.

letter dated 4th May 1909, that the gardens of the Mugalars on either side of the main drain be taken away from them and they be given an equal extent of land in the bed of the Sunkal tank, the President says that there is no obligation on the part of the Govt to give land to the Mugalars in the bed of the Sunkal Tank The Mugalars are ~~entitled to~~ clearly entitled to compensation in some form if their lands are taken away from them and what the Chief Engineer has suggested seems very reasonable - The Sanitary Commissioners views on this question which have been asked for in this docket dated 30th June 1909 may however be awaited -

33. As to who is responsible for the damage done to the City main drain, the President throws the responsibility on the Sanitary

Note—Contn sheet

GPB—30,000—27-4-09

Serial No

department. If it is considered necessary to decide this question, it seems to require further looking into.

34. As regards the encroachment complained of, the President says that steps will be taken to recover the land encroached upon and to prevent similar encroachments in future. A further report may be called for in this matter.

1st Cr) 17.2.10 XMD

1163
22.2.10

35. The President's report on the damage caused to the main drain by this flood is not satisfactory or decisive. The responsibility should be located. President should hold an enquiry & fix the blame on the right shoulders. But the more important thing is to get the damage repaired in the best & cheapest manner. What action has the President taken in this matter?

36. I should like to inspect the

Immediate

G.R.S. 26

File No. 12

Serial No.

Diary No. of letter replied to 80

No. 7527
Samt

General and Revenue Secretariat
( Municipal )
, the 190

To Dear Sir. 9 2 6 2 10.

Date of issue 26 2 10

Signed by W K M

I am to request that the Commissioner will kindly inform me what day will suit you for inspection.

Yours Servant

W K M

9 2 6/2

To

The Secy. Comm.

Capt Chapman
26/2

over

SUBJECT

*List of enclosures.*

*Copied by*

*Examined by*

GPO—10,000—52-3-49

G B S 12 ]
General and Revenue Secretariat

Serial No

File No

of 190

13

OFFICE OF THE SENIOR SURGEON AND SANITARY COMMISSIONER WITH THE GOVERNMENT OF MYSORE

Bangalore 27. 2. 1909

41.

Dear Mr Taylor Rao

Schaeffer tells me, he inspected the main drain Bangalore City with the H Councillor any more the names - Tuesday at 7 30 would suit me best. Perhaps the best plan would be to see all the new culverts when the drain crosses the road, a portion of which is near Cemetery - when the Superintendent Town Hall comes over. We could then free up the drain works Commencing near Shamanna Garden My idea is to do the farthest away part first - that's easy before the heat sets up - But let me know the Councillor at any time you choose if the suggestion is convenient

Yours very truly

J Macrory

Some report that the Head Office Inspectors [illegible] - Too

G R S. 12 ]
General and Revenue Secretariat.

File No. 526 of 1908

(14)

Serial No

14

Draft

42.

Bangalore
28 2 . 08

Dear Sir

With reference to your D O dated 27th instant intimating that Tuesday 30 A M would suit you best to inspect the main drain, Bangalore City, with the 1st Cr, I am desired to inform you that as your letter reached me this evening only after 5 O'clock, the 1st Cr would have the inspection on Wednesday, 2nd March - He thinks that it is more convenient to begin from the Fort end as the most vexatious question is with regard to irrigation of the Hegalars garden by sewage water and I am to request you therefore to kindly meet him at

Note—Contin sheet.

GPS—53,0,11—27-4-08

(15

G.R.S 26]

File No

Serial No

No. of letter replied to D.O.

No

Land Revenue Secretariat
(Municipal)
, the 190

To
The Secretary Comm^r

43

Dear Sir

Date of issue

Signed by

The 1st Councillor intends inspecting the City Main Drain on Wednesday the 2nd instant at 7 30 ~~a.m.~~ ~~Please~~ I am desired to request you therefore must him at the ~~Transformer House~~ near the Fort to kindly on that day at 7a 30 A.M.

The Councillor thinks that it would perhaps, be more convenient to begin from the Fort and as the most vexatious question is with regard to irrigation of Highland gardens by sewage water.

Yours sincerely
Illegible

To The Pres^t Bangalore City Mu^l Council
~~Secretary Comm^r~~
" Health Officer
" Municipal Engineer
" Sanitary Engr

SUBJECT

*List of enclosures,*

*Copied by*

*Examined by*

GPO—16.000—52-5-61

G R S 12 ]
General and Revenue Secretariat

File No 80 of 190 9

(16

Serial No

D O

OFFICE OF THE INSPECTOR GENERAL OF PRISONS IN MYSORE

16

Bangalore 190

Z 1·3 10

2nd / 13 / 10

24

Dewan Mysore Rom

Yours Yesterday

I cannot make him any

offer to you but such a term

would ruin me - Therefore I

was forced to say in the after-

noon on Sunday so you the ed

have made Yesterday Morning's

proposal to him but to be

at the Power Station near

the Fort at 7 30 a.m.

16

The Sanitary Commr states that all along he has stood for the harmlessness of the Irulars getting their supply of water from the Main Drain. His opinion which was called for in this office No 13279 dy 13-6-09, has not yet been received

Copy—Counterfoil

GPS—5711.U—27-4-09

G R S. 12 ]
General and Revenue Secretariat.

File No. 514 of 1908 (17)

Serial No.

Received in this office. Please see page 28 ante.
Weg 46 Submitted.
43/10. 1st Cr). 1-3-10 [illegible]

47 I inspected the Main Drain this morning with Col J. Smyth — the Dy Commr Kumarasawmi Naik — Mr Bhore — Mr Hadiz Sabbaba Mrs Nasir — Mr Desikachar (Municipal Engineer) and Mr Hayes (Amildar) were present. The inspection began at the Bamboo Bazaar and ended at the Sunnakal Tank.

48 Col Smyth is decidedly of opinion that the cultivation of the garden land on either side of the Main Drain, with the aid of the sewage running in the Main Drain, is in no way objectionable from a Sanitary point of view and ought to be allowed to continue. He thinks that this is the most harmless, [illegible]

Note.—Contin sheet.

GPB—53,11.—27-4-09

Serial No.

disposing of the sewage. He does not consider it necessary to throw the lands out of cultivation. On the other hand he thinks that such a course would result in a jungle growth of lantana & other weeds which would be a serious menace to public health and the last state would be infinitely worse than the present.

4. Mr Blore also thinks that the use of sewage for irrigating these gardens is not objectionable from a sanitary point of view.

Col Smyth however thinks that no dwellings or shops should be allowed to be erected in this sewage sodden area which is low & insanitary besides being damp. Some few buildings have lately been allowed to spring up in the locality,

G. R. S. 12 ]
General and Revenue Secretariat.

Genl File No. 5th of 1905

Serial No.

(11

which is a great mistake. The President should be requested to see that no more buildings are permitted to be erected [If I remember rightly there was a general prohibition to build here some years ago.]

So As regards the Main drain itself, it was evident from our inspection this morning that the necessary connections (by pipes and stone drains) were permitted to be made by the Ryotwars at the time of the Construction of the Main drain. The Amildar of Bangalore bears this out and it could not be otherwise as the connections with Ryotwars' wells are all underground and could not have been introduced without the knowledge (& connivance) of the Official in charge of the Construction of Main drain

Serial No.

This leads corroboration to the President's report that the Khajoors' connections were made before the work was handed over to the Municipal Council. It is useless to pursue the enquiry further. We should recognize the fact that the sewer is connected with the Khajoors' wells and in view of Col Smyth's opinion that this is quite innocuous, there is no necessity to interfere with the arrangement.

51. It is proposed to introduce ~~Cover~~ ~~in the main~~ a covered pipe sewer as part of the general sewage scheme for the city. Until this is done the present arrangement might be permitted to continue. Care should be taken not to permit any new rights to be created in favour of the Khajoors.

(51)

Note—Contn sheet.

Serial No

The existence of these connections will of course interfere with the supply of sewage for the sewage farm proposed to be opened in the bed of Sunnakal Lake. Further developments should be awaited.

52 If Col Smyth will kindly note his views below, it will be a material contribution to the discussion of this important question.

W.M.
2/3/10

53 Put to

Please send the file to Col Smyth immediately

[illegible]
7/3/10

Rs. 9. 2s 160
3-3 10.

54. Forwarded to Lt Col. Smyth.
M D, 9 M S

By order
H Mylarsha
For Offg Secy

55. 2-3 10

It is necessary to go back a little until the time of the present bifurcation was made - with which I have been more or less connected since its commencement - but

Rs. 19
14-3-10.

NOTE—Contin. sheet.

GPS—514 S—27.4.09

Serial No.

not from the very commencement, as the D.S.W used to have a method of stealing marches on the Sanitary Commissioners, so that it was frequently said by accident that he became aware of the existence of a sanitary project about to be put into execution. However, the big drain, as far as Lalbagh road was originally constructed merely to carry off flood water from the low lying parts of the town in its higher reaches on the idea of really constructing a drain that would permanently lower the subsoil water does not seem to have been kept sufficiently in view at all — this was really the important matter. However, the drain was made, & it has served to carry off the storm flood water fairly well, & flushed daily will help to lower the subsoil water in the inhabited area to a certain useful extent. The lowering of the subsoil water came in the city finally came to be recognised as of importance, and the new project was then entertained of carrying the drain on to Sankey tank & there constructing a tank outfall. As Capt Danes said — let us have decided on a combined & suitable outfall & then proceed with the work by degrees

If at first insufficient

Serial No.

homes

Any progress on the plans of the new works was kept in abeyance till it was found out how the subsoil water was going to be dealt with. In a letter to me No 706 of 10 VII 08 - Captain Jones explained how the low lying area came to have a high subsoil water, & that it could not be remedied except by a proper drainage scheme for the whole of the city lying above the scheme which was to come up as soon as the outfall and pumping station was completed. The C S B accepted the explanation & recommended the adoption of the plans for the construction of a proper outfall & its connection with the Sridhungram drain on Calcutta road at that time there was no proposal that I ever heard of, of doing away with Cantonment altogether, the ends of the main drain, and in a note I made on 25.8.08 in the Board's proceedings I wrote, "in carrying out the scheme for lowering the subsoil water I am in favour of sewage well. Have Cantonment & the Gardens.

Note:—Contd sheet.

Serial No.

But there was a matter that needed pressing at that time — for the engineer then in view was the construction of a suitable outfall for that part of the city, the drainage of the city should be taken up too. This was the correct principle to go upon. As that part of the city drainage had been carried on without providing a suitable outfall before hand — should consequence the more expensive of the repetition.

Q. Was there any question about when the work now in progress was sanctioned?

A. The idea of special gardens at Sunkal Canal is quite a new one — never suggested to me — Some one simply asked "is there any objection to form a sanitary point of view" I replied none — But the proposal has raised the difficulty. If the drain is so sealed up that they cannot get the sewage, then industry must again commence and it is a very important industry. From a sanitary point of view the gardens ought to be done as early as possible" — Said the Chief Engineer, without however I may say



GPB—55,11—27.4.09

reason. Malarial mosquitoes breed in sewage that flows off, and what flies around of, as a result of the existence of these gardens, it does not signify. It is true that malarial mosquitoes do breed in these gardens, but not because sewage is used for irrigation, but because the outfall sewage is emptied onto open drains in closed "French" drains & the main drain.

But this can be remedied in a single week if the municipal authorities will only take the matter in hand.

But what will become of that area, if cultivation is stopped? We see how the municipality looks after the waste areas already existing in the area — it does not encourage us to place any more waste land in their care!

Therefore — I recommend that the gardens be let alone except that the drains in them are of a proper kind, & that they get all the sewage they require, proper arrangements being made from the central sewage main to the main drain of the gardeners' wells.

So when the city drainage proper is carried out, & all sewage is led away in closed pipes, it (which by then will either pass to a sewage farm or to the sea) the gardens will still continue as they are, & the gardeners will come up again & the gardens will

Jean Law to dependent the
Subsoil Wabi, collecting it as well
If they find this doesn't pay they
will remove their shop

b) But it will be many a long day
before there can take place Before
a ~~system of~~ main carriage system of
sewage can be in operation which will
mean an enormous supply Wabi, say
500 or 600 cubic feet per population (taking the
temperature of the climate into consideration
the capacity of
the Metropolitan Tank must be greatly extended
— and the consequence of any further
Wabi supply from that source must
be carefully kept in view. Provided
that the Govt of Bengal can in a very
short time arrive with the Govt of Bombay,
the latter will be quite prepared to supply
if any material extra stream at the
sources of the Wabi shall be attempted.
Main Carriage is a magnificent idea —
but the cost estimated cost is great, & the with
the Wabi supply as at present available with it
[illegible] at that time under — and
Eight hearty cheers. The great thing,
being to [illegible] however, before any decision is taken, should
be that the water supply [illegible] above [illegible] the whole is [illegible]
permanent

H— 13 3.10

Notes of the Sanitary Commissioner dated 13th March 1910 on the File No. M1.514 of 1908.

55. It is necessary to go back a little into the history of the present big storm water drain-- with which I have been more or less connected since its commencement-- but not from the very commencement, as the D.P.W. used to have a method of -- stealing marches on the Sanitary Commissioner, so that it was frequently only by accident that he became aware of the existence of a sanitary project about to be put into execution. However, the big drain, as far as Lal Bagh road, was originally constructed merely to carry off flood water from the low-lying parts of the town in its higher reaches-- the idea of really constructing a drain that would permanently lower the sub soil water does not seem to have been kept sufficiently in view at all -- and this was really the important matter: However, the drain was made and it has served to carry off the flood water fairly well, and if looked after will help to lower the subsoil water in the inhabited area to a certain useful extent. This lowering of the subsoil water in the City finally came to be recognised as of importance, and the new project was then entered into of carrying the drain on to Sunkal tank and then constructing a suitable outfall. As Captain Dawes said " Let us decide on and construct a suitable outfall and the rest will be easy". At any rate, however, the plans of the new

works

works were kept in abeyance till it was pointed out how the subsoil water was really going to be dealt with. In a letter to me No.7062 of 10th November 1908-- Captain Dawes explained how the lowlying area came to have a subsoil water, and that it could not be remedied except by a proper drainage scheme for the parts of the City lying about it-- a scheme which was to come up as soon as the outfall now proposed to be built was completed.

56. The Central Sanitary Board accepted this explanation and recommended the adoption of the plans for the construction of a proper outfall and its connection with the existing main drain at Lal Bagh Road. At that time there was no proposal that I ever heard of, of doing away with cultivation along the sides of the main drain, and in a note I made on 25-8-08 in the Boards's proceedings I wrote " in carrying out the scheme for lowering the subsoil water I am in favour of sewage wells being constructed for the gardens". But this was a matter that needed no pressing at that time-- for the only object then in view was the construction of a suitable outfall for that part of the city , the drainage of the city to be taken up later--- this too, was the correct principle to go upon. In other parts of the city drainage had been carried on without providing a suitable outfall beforehand-- with consequences the more experienced of us may well know

57. This then is how matters stood when the works now in

now in progress were sanctioned.

58 The idea of special gardening at Sunkal Tank is quite a new one-- never suggested by me -- I was simply asked " is there any objection to it from a sanitary point of view" and I replied " none". But this proposal has raised the Thiggalar difficulty If the drain is so sealed up that they cannot get the sewage, thier industry must considerably, and it is a very important industry. " From a sanitary point of view the gardens ought to be done away with". So said the Chief Engineer, without, however, giving any reasons. Malarial mosquitoes don't breed in sewages that I know of, and what other diseases he is afraid of, as a result of the existence of these gardens, I know not

59. It is true that malarial mosquitoes do breed in these gardens, but not because sewage is used for irrigating them, but because the subsoil weeping is conveyed in open drains, instead of in closed " French" drains to the main drain. But this can be remedied in a single week if the municipal authorities will only take the trouble to see to it.

But what will become of that area, if cultivation is stopped? We see how the Municipality looks after the waste areas already existing in its area! and it does not encourage us to place any more waste land in their care! Therefore- I recommend that the gardens be let alone except to see that the drain in them are

of

of a proper kind, and that they get all the sewage they require, proper conduits being made from the central sewage rum in the main drain to the gardeners' wells.

60. When the city drainage proper comes to be carried out and all sewage is led away in stone ware pipes ( which by the way will really not be possible, anytime within the next 100 years) the garden question will no doubt come up again, and the gardens will , I fear have to depend on the subsoil water, collecting it in wells. If they find this doesn't pay they will of course give it up.

61. But it will be many a long day before this can take place Before a genuine water carriage system of sewage can be inaugerated, which will mean an enormous supply of water say 50 or 60 gallons a head of population ( taking the temperature of the climate into consideration, the capacity of Hessarghatta tank must be greatly extended, and the consequences of any failure of water supply from that source must be constantly kept in view. Now also that the Government of Mysore has in a way shared Hesserghatta with the Government of India, the latter will be sure to raise difficulties if any material extra strain on the resources of Hesserghatta be attempted. Water carriage is a magnificient idea but the initial cost is great, other risks of water failure in connection with it are so great that it should not be under-

undertaken in any light hearted manner. The great thing to see to however, before any such scheme is dreamt of is that the water supply is abundant, and that it is securely permanent

---

C O P Y".

War Offg. Secretary to Govt.

G R S 12 ]
General and Revenue Secretariat

Irl File No. 574 of 1908

127

Serial No.

62 Submitted with Col Smyth's opinion.
Chn ag 63/8 Cr) 19-3-10 2nd
17/3/10

1464 63 To the Dewan for
21 3 10 information
Copy of Col Smyth's note
may be forwarded to the
Chief Engineer, both with
reference to the Thigalai
irrigation from the Main
drain and the Summakal
outfall works
64 If considered necessary
copy of my memo may be
also forwarded to him
Orders may issue to the
President as per suggestions
in my memo, if the Dewan
approves of the same

5135 I quite agree 19/3/
22.3.10 Adhere 21/3/10
12/3/10 2nd
21 3.

2nd up draft
17 8 10 2nd

Draft put up
22/3/10.

Reg—Centre sheet

5518

G. R. S. 12 ]
General and Revenue Secretariat

File No. of 190

| Serial No. | |
|---|---|
| | Draft submitted for approval<br>10 Cs. 29-8-10 Mill |
| bog. 30-8-10 | approved<br>30/8/10 |
| | Issue<br>31-8-10 Mill |
| 8 | Letter Ch. Engr., Sanry Commr & Secy, Bangalore<br>Cir Municipal Council. No. 2291-3 Dt. 9-9-1910<br>Observes that Col. Smyth is of opinion that the use of sullage by the Ryots Ryotwars for cultivation is harmless, that the existing connections to the Ryotwars' wells may therefore remain without any interference, and directs that no buildings should be permitted to be erected in the vicinity between the Bamboo Bazar & Sampangiram |

NOTE.—Contn. sheet.

G.R.S. 13]

## Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record]

D O No

OFFICE OF THE SENIOR SURGEON WITH THE GOVERNMENT OF MYSORE.

Bangalore, 10 - 5 1910

N B—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

GPS—30,000—31-4-09

5595

3

G.R.S. 13]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record]

Submitted.

The papers required by Col. Smyth are in the file and are shown by the flag, M and A.

Obsg If it is necessary to prepare copies 10/3/10. of these papers and send them to Col Smyth copies will be got prepared - The file itself goes to Col Smyth and copies may be got prepared in this office alone.

Secy) 10 3-10 Jewett

Please write D.- inviting his attention to the papers in question by mentioning flag M

10/3 - sub.

Draft D.- put up.

Obsg 11/3. Please issue at once

11 3 Jewett

NB—Should routine notes be written on small slips, they must be copied, or slips pasted on this form.

GPO—33,030—21-4-09

G.R.S 20]

File No

Serial No

U/2/co(9-57 Ann I

Diary No of letter replied to Do.

No 7912

ml

9/11/3/10

General and Revenue Secretariat
( Municipal)
, the 190

Date of issue 11 3 10

Signed by JWR/RM

Dear Col Smyth Ser

With reference to your D.O. letter of yesterday, wherein you asked for a copy of the original reference requesting for an expression of your opinion made to you regarding the cultivation of vegetables, Tea, by Thejars on both sides of the Main Drain in the Bangalore City, I am directed ~~to reply to the above~~. I am to invite your attention to the papers marked M M & C in the file herewith sent which are the ~~desired~~ papers required by you

Yours Sincerely

JWR

To

Col J Smyth Ins.
Salvy Commr

SUBJECT

Municipal
11 3 10

List of enclosures.

Copied by

Examined by

GPO—16,000—22-3-42

Proce——ss of the Government of His Highness
the Maharaja of Mysore. D 87/42

Para 3 of Government Order No.4940-76/Agri.187-08-3 dated the 16th January 1909 requesting the Chief Engineer to furnish his opinion to Government after consulting the Sanitary Commissioner and the Deputy Commissioner of the Bangalore District on the representation of the Superintendent of Government Gardens that the bed of the Sunkal tank may be utilised ever to him for carrying on experimental work.

2. Letter No.639 dated 21st April 1909 from the Superintendent Government Gardens requesting that orders may be passed to hand over the bed of the Sunkal tank to him as early as possible so that he may begin the work of laying out the ground etc. at once.

3. Letter No.3841 dated 4th May 1909 from the Chief Engineer of Mysore stating that both the Sanitary Commissioner and the Deputy Commissioner are in favor of the grant of the tank bed to the Superintendent of Government Gardens for experimental work and that he has no objection to it and making certain suggestions regarding the restrictions requesting to be placed on the cultivation of vegetables by the Dhobis to prevent injury to the drainage of the Bangalore City. ML 5-14-08 SL-1

---oOo---

Order thereon No. R 10229-32 Upn 224-UP-7

Dated Bangalore, 4th June 1909.

Under the circumstances Government are pleased to sanction the handing over of the bed of the Sunkal tank to the superintendent of Government Gardens to enable him to carry on experimental work in fruit and vegetable culture

2. The Superintendent is requested to send a programme of the work he means to carry out in the ensuing year for the information of Government.

Separate orders will be passed in the Municipal Dep

Department regarding the suggestions of the Chief Engineer for the prevention of injury to drains from cultivation.

(Sd) K S Chandrasekhara

Dy Secretary to Govt.

To

The Superintendent of Government Gardens in Mysore.
" Chief Engineer in Mysore.
" Deputy Commissioner, Bangalore District.
" President, Bangalore City Municipality.

Copy to Branch IV for information and needful action together with a copy of letter No 3557 dt the 4th May 1909 from the Chief Engineer in Mysore Boy order read in the first para

for Secy

Letter No.3551 dated 4th May 1909 from the Chief Engineer of Mysore, to the Secretary to the Govt of His Highness the Maharaja of Mysore, General and Revenue Departments.

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Adverting to para 3 of Government Proceedings No.R.4860-76 Agri.137-07-2 dated the 16th January 1909, asking for my opinion with that of the Sanitary Commissioner and the Deputy Commissioner, Bangalore District, on the representation of the Superintendent, Government Gardens, that the bed of the Sunkal Tank be handed over to him for carrying on Horticultural experiments, I have the honor to inform you that the Sanitary Commissioner has reported that he has no objection to the proposal of Mr.Krumbiegal on sanitary grounds, and the Deputy Commissioner Bangalore District, is of opinion that this proposal will be more beneficial than the proposal made in 1907 to irrigate the tank-bed from the main drain outfall works. I am also in favor of handing over the tank bed to Mr.Krumbiegal for the experimental farm if Government are inclined to grant the necessary money for the purpose.

II. In this connection, the Sanitary Engineer has raised the question as to whether the Thigalars who would be deprived of the use of the sullage coming down the main drain, to which they appear to have a prescriptive right, should not be given an equivalent area in this Sunkal tank bed to that on which

4

which they have hitherto been accustomed to use the sullage from the main drain The area under cultivation by these Thigagalars on both sides of the main drain is reported to be 50 acres and 20 guntas.

In regard to this point, the Thigalars are now, and have always been utilizing the sullage in this main drain for their gardens under cultivation on either side of it, from the City down to the Sunkal tank bed In my opinion, such cultivation should be entirely prohibited on sanitary grounds Until these gardens are got rid of, the portion of the City bordering the main-drain from the Hoskote road bridge will never be sanitary and the sooner they are turned out of the land after being paid what compensation is necessary the better

III In this connection, I would bring to the notice of Government that the main drain was completed down to the Lal Bagh road bridge, and the city Municipality took over charge of it from the P W D in December 1908 Subsequently the Sanitar Engineer reported in his No,131 of the 26th January 1909(copy enclosed) that cultivators on both sides of the main drain had built new wells, made connections to these wells from the V drain in the centre of the main drain constructed, and in some cases, they had actually removed the slab bed floor for this purpose, and made holes in the main masonry walls by removing the pointing &c to draw sullage to their wells This was

5

wanton damage was brought to the notice of the President of the City Municipality for needful and immediate action If the Thigalars are allowed to cultivate on both sides of the drain, not only will the insanitary condition of this portion of the city continue to exist, but also the work done will be frequently damaged by them, as evidently the Municipality either cannot prevent such wanton damage being done, or are perfectly indifferent to the proper maintenance of the works handed over to them, and which have cost Government so many lakhs of rupees

If the Municipality are incapable of providing money for the proper up-keep of the works handed over to them, and cannot afford to appoint an adequate and competent staff to look after them, it would be perfectly useless for Government to go on spending money annually on these drainage projects

---

"C o p y"

For Secretary to Gov.

GWL

Letter No.131 dated 26th January 1909, from the Sanitary Engineer, Sanitary Division, to the Chief Engineer of Mysore

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I have the honor to bring to your notice the following points in connection with the main drain, Bangalore City

(1) Cultivators on both sides of the drain, have built new wells and have made connections to them from the V drain In some cases slabs have been removed for this purpose & in others the boundary wall has been removed and holes made to allow the sullage to get to these wells Similar connections have been made to the old wells In fact every well whether new or old has these connections now

II Land had been acquired and compensation paid, for a width of 10 feet from the masonry wall, on either side of the main drain Stones were fixed defining the extent of land taken up and paid for by this Department The stones have now been removed and the land encroached on, on both sides, in some cases, right up to the masonry wall

I report this to you for any action you may think fit in this matter The main drain has been taken over by the Municipality for maintenance

---

Copy

For Secretary to Govt

2nd Draft
Sus 312/08

7514

GRS 26]

File No 08
Serial No 2 A

Diary No of letter replied to 8742

Enc 2

No 13279
ml 514-08.
D 30 6 09

eral and Revenue Secretariat
( Rev )
, the 190

To The Secy Comm^r

Date of issue 30-6-09

Signed by

I has the honor to forward herewith copies of Chief Engr^s letter No 355/845 09 and Sketch enclosure in ref the cultivation by the Sheglars on both sides of the City Main drain at Bangalore, for favor of his opinion in the matter.

By Order
Illegible
for Secy.
30/6

SUBJECT

26/6

*List of enclosures.*

*Copied by*

*Examined by*

6

2 Drafts Sen 313/08 - 8

51

G.R.S 26]

File No

Serial No

Diary No of letter replied to 8742

Gv-2 [redacted]

No 13280

mb

General and Revenue Secretariat

( mb )

, the 190

To 9306 09

The Pres-t, Bangalore city
Muncpl Council.

Date of issue 30-6-09

Signed by MKM

Has the honor to forward herewith copies of letter No 355/184-5-09 and of its enclosure from the Chief Engineer of Improvements re the main drain of the city, for an early report in the matter and to request that the Pres-t will be so good as to state (1) why such damage to the drain as reported in the Ch Engr's ltr was permitted to be done after the work was completed and handed over to the Municpty. and (2) what steps the Municpl Council propose to take for repairing the damage already done to the main drain and to prevent future damage

[redacted]

SUBJECT

By Order,

[illegible]

For Secy

*List of enclosures.*

*Copied by*

*Examined by*

MGOPS—30,000—1912-05

9

No. 134 Dated Bangalore 6th January 1910. Rwl S-14-08 SL-3

Encls as

Copy forwarded to the Secretary to the Government of His Highness the Maharaja of Mysore, General and Revenue Departments, for information.

2. The previous correspondence on a similar complaint is, it is presumed, pending disposal before the Council.

Deputy Chief Engineer of Mysore.

No 23

MYSORE P W DEPARTMENT,
CENTRAL OFFICE,

D 4630

*Bangalore,* 6th January 1910

*From*

M.Visvesvaraya Esq., M.I.C.E.,
*Chief Engineer of Mysore,*
*Bangalore*

*To*

The President,
Municipal Council,
Bangalore City.

SIR,

I have the honor to forward for your information, the enclosed copy of letter No. 1979 dated 29th ultimo from the Sanitary Engineer bringing to notice the damage caused to the main outfall sewers of the Chamarajendrapet and the Nagavangudi extensions of the Bangalore City and to invite yourattention to similar reports made during the past year on the neglected condition of works in the City and in the extensions carried out by this Department and handed over to the Municipality for maintenance.

2. I shall be obliged if you will be so good as to report for the information of Government what action has been taken by the Municipality to prevent a recurrence of the damage done by the gardeners and to maintain the works in an efficient condition.

I have the honor to be,
Sir,
Your most obedient servant,

(sd) M.Visvesvaraya,
Chief Engineer of Mysore

P. T. O

MYSORE P W. DEPARTMB

No.

THE CHIEF ENGINEER OF

To

*Dated Bangalore,*

*Despatched*

*Enclosures* *No.*

SUBJECT.

Letter No. 1979 dated 20th December 1909, from the Sanitary Engineer, Sanitary Division, to the Chief Engineer of Mysore.

---

I have the honor to report that the main outfall sewer for Chamarajendrapet Extension and the main outfall sewer for the Basavangudi Extension have been damaged, and a large portion of the sewage instead of going to the outfall works and farm below Kempambudi tank, finds its way to the tank itself. The City Municipality took charge of the com--pleted drainage works in January last, and they are supposed to maintain them. The damage to the Chamarajendrapet sewer was reported to the Vice President by me in May last, but evidently no action has been taken in the matter. It has suffered still greater damage during the last heavy rains. The damage to the Basavangudi sewer has been of more recent occurrence- probably two or three months ago. I noticed it on my last inspection of the sewage farm and outfall sewer line on the 18th instant. The market gardeners through whose lands the sewer line passes, have broken the 12" stone-ware pipes in several places and there is leakage of sewage.

The sewage farm below Kempambudi tank has suffered from want of sewage, and the farm profits have decreased appreciably during the last two or three months in consequence Why no action has been taken during the past six months and more, I am unable to say, but I consider the matter sufficient--ly serious to bring to your special notice. The damage done to the outfall sewers must be repaired without delay The cost of the whole work should not exceed Rs 150. It would have been much less had immediate action been taken. In anticipation of sanction, I have ordered Sub Division Officer Nanjundaiya to put this work in hand and have sent an estimate

to

to the President of the City Municipality for countersignature as the maintenance is theirs. I request that the President of the City Municipality may be written to about this, and asked to enquire into this matter.

[redacted]

" True copy "

per Deputy Chief Engineer of Mysore

13

File No 514-08
Serial No 4

Diary No of letter replied to 4630.

*Proceedings of the Government of His Highness the Maharaja of Mysore*

GENERAL AND REVENUE SECRETARIAT (Municipal)

, the 19

Date of issue 25/1/10

Signed by MRK-M

READ— Memo No. 13486·1·10 from the Chief Engineer of Mysore forwarding for the information of Govt copy of his letter No 13386 1·10 to the Pres., Bangalore City Municipal Council, bringing to notice the damage caused to the main outfall sewers of the Chamarajendra and the Basavangudi Extensions of the Bangalore City and inviting attention similar reports made during the past year on the neglected condition of the works in the city and in the extensions carried out by the P W D and handed over to the Municipality for maintenance

ORDER THEREON—No Order thereon over

SUBJECT

GPB—6,000—7-5-09

13

[illegible]28 ]

3 40 Pm 20 1 10

Sec 15/2/2

File No 514-08

Serial No 4

Diary No of letter replied to 4630.

*Proceedings of the Government of His Highness the Maharaja of Mysore*

GENERAL AND REVENUE SECRETARIAT (Municipal)

, the 19

Date of issue 25/1/10

Signed by MRK-M

READ— Memo No-13486·1 10 from the Chief Engineer of Mysore forwarding for the information of Govt copy of his letter No 13386/1/10 to the Pres, Bangalore City Municipal Council, bringing to notice the damage caused to the main outfall sewers of the Chamarajendra and the Basavangudi Extensions of the Bangalore City and inviting attention to similar reports made during the past year on the neglected condition of the works in the city and in the Extensions carried out by the P W D and handed over to the Municipality for maintenance

Order thereon over

ORDER THEREON—No

SUBJECT

GPB—6,000—7-5-09

Order Sheet 6213 ml 5 14-05 9257

It is requested that disciplinary proceedings
as those referred to in item above
against complainant/accused may be conducted
by the Municipal Executive Officer
after their attention has been called to the
same by the P.W.D. The delay in answering
is another unsatisfactory feature. The
President is requested to submit
within 10 days from the date of
receipt of this order the report called for
in Govt Rtg Secy's No. 13288/Ind
S/Ls-dtd 30-6-09 together with a report
about the complaint now made by the
Chief Engr.

for Secy
24/10

To The Pres^t, Bangalore City Mun Council

B.M. 108]

OFFICE OF THE MUNICIPAL ~~COMMISSION~~ Council

*City, Bangalore, 10th February 1910*

No 173
Encs Two tracings

D 5598

From

THE PRESIDENT,
*Municipal ~~Commission~~, Council,* Rl 514-08
*Bangalore City*

SLS

To

The Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,

Sir, Bangalore.

Reference -Your docket No 13280/M1 514-08-2 dated the 30th June last, forwarding for report, copies of the Chief Engineer's letter No 3551 dated the 4th May 1909 & its enclosure regarding the main drair

- ssssssssssssssssssssz -

I have the honour to report as follows -

Para 2 of the Chief Engineer's letter

According to Government Order No 1447-50/ 511-06-2 dated the 13th August 1907, the tigalars owning gardens on either side of the main drain cannot be said to enjoy any prescriptive right to the use of the sullage water There seems to be, therefore, no obligation on the part of Government to give them land in the bed of the sewage tank equivalent to their present holdings after the completion of the Sewage Farms when the use of the main drain water by them may be stopped without payment claiming indemnification in any shape

Para 3 of the Chief Engineer's letter.

2. I feel able to state that the neglect imputed to the Municipality for the damage caused to the main drain is not supported by facts. It has been stated that the occurrence of the damage was intimated to the Municipality for needful action &c. There was no reference whatever on the subject until the 4th February 1909 and the Chief Engineer has reported in his letter to Government that the main drain was handed over to the Municipality in December 1908. Shortly after, i. e. on the 26th January 1909, the Sanitary Engineer observes the damage and takes it to the notice of the Chief Engineer. Could it have been possible for the tigalars to make so many holes along the main drain below the stone slabs set on sand-bed and thick masonry walls and insert pipes from the wells up to the V-drain, a distance of 10 to 30 feet in length on an average, if not more, within so short a period as not even fully a month?. In his letter to this Office dated the 4th February 1909, the Chief Engineer has for the first time referred to the damage in question.

3. Some of the tigalars who were questioned on the subject stated that the connection to the wells from the V-drain existed when the drain was constructed and that they were permitted to remain as they were by the D. P. W. Overseer Mr. Sreecuntiah, the Amildar and the then Vice President. But there is nothing on record in support of this allegation.

4. It may be noted here that there was some correspondence from May 1905 to July 1908 between the Municipality and the Sanitary Engineer about the taking over charge of the main drain on the score of its unsatisfactory condition. The fact, therefore, seems to be that the tigalars took advantage of this interval(when evidently the Sanitary Department exercised no supervision) and meddled with the drains in the manner reported by Mr. [illegible]

It appears from the Sanitary Engineer's letter the 26th

January 1909 to the Chief Engineer, alluding to the encroachment of Government land on the sides of the main drain, I beg to add that the Municipality was quite unaware of the fact that any margin had been left on either side of the drain until the Sanitary Engineer reported the matter to the Chief Engineer in his No. 131 dated the 26th January 1909 and a copy thereof was sent by the latter to this Office with his letter No. 908 dated the 4th February last.

6. No mention of the marginal land is made in the Sanitary Engineer's letter No. 1299 dated the 8th July 1908 in which the President is requested to take charge of the main drain, nor is it shewn in the plan of the drain which formed its enclosure. From a copy of the plan herewith submitted for reference, it will be seen that the width of the main drain at the bridge across the Hoskote Road near the Bamboo Bazaar has been shewn as only 16 feet, while it has increased in its lower course to 21, 25 and 30 feet till it reached the bridge across the Lal-Bagh Road.

7. As there was no information from the D.P.W. about the margin left on either side of the drain and its extent, a tracing was called for from the Sanitary Engineer. This was received with his No. 793 dated the 21st May 1909. This tracing is also unfortunately defective in that it does not enable the Municipality to ascertain the extent of encroachment as it varies in width and is not 10 feet right through. A copy of this tracing is also submitted for reference.

8. So much about the circumstances under which the damage Etc, complained of occurred to the drain.

9. As to the steps proposed to be taken for repairing the damage and removing the encroachment, I beg to state that the original detailed survey plan has been called for from the Sanitary Engineer and after its receipt, no time will be lost to find out the individual encroachment and to rectify the same by arrangement with the parties concerned, if necessary.

G.R.S. 28.1

File No 514

Serial No 8

Diary No. of letter replied to 5598

Proceedings of the Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE SECRETARIAT

Read Letter No 335/84-5

the N 19

from the Chief Engineer of Mysore

Date of issue 5.9.10

forwarding copy of letter No 131 B

Signed by Mr K.M.

26-1-1909 from the Executive Engr

bringing to notice the damage caused

the City Main Drain at Bangalore

the Sappers who cultivate the garden

GEN. SECTION No.

on both sides of it by removing the

slabs and the pointing in the masonry

masonry walls of the drain with a view

to draw the sullage to the wells in the

gardens and (2) also the encroachment

over the reserved margin of 10 feet from

the masonry wall on either side of the

over

SUBJECT.

and the removal of the stones found encroaching this margin, after the work was handed over to the Municipality for maintenance; and recommending that in the interests of the health of the locality and safety of the main drain, it is desirable to prohibit garden cultivation on either side of the main drain.

(2) Correspondence ending with letter No. 1738 10.2.1910 from the Chief Secretary, Bangalore City Municipal Council, reporting with reference to the above, that the alleged damages to the drain referred to, existed at the time the drain was handed over to the Municipality, that the Municipality was not informed at the time of the extent of land acquired on account of the drain and left as a margin thereof, and that the encroachment, if any, could be enquired into and rectified after the original detailed survey plan is received from the Sanitary Engineer.

Order thereon. 2291-3 mul 516-08 — 25-9-10

Col Smyth, who was consulted in the matter, is decidedly of opinion that the cultivation of the garden lands on either sides of the main drain, with the end of the

G.R.S 27]

**GENERAL AND REVENUE SECRETARIAT**

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*(Continuation Sheet draft form.)*

sewage running in the main drain, is in no way objectionable from a sanitary point of view and ought to be allowed to continue. He thinks that this is the most humane way of disposing of the sewage and does not consider it necessary to throw the land out of cultivation. On the other hand, he thinks that the opposite course would result in a jungle growth of Lantana and other weeds which would be a serious menace to public health and that the Cook State would be infinitely worse than the present. The existing connections of the main drain with the Fijians' wells need not therefore be interfered with. But care should be taken not to permit any new rights to be created in favour of the Fijians.

2. Col Smyth also thinks that no dwellings or shops should be allowed to be erected in the ~~swamp~~ to the East of Burnt's bridge ~~and~~ through which the main drain runs, as it is ~~low and~~ insanitary besides being damp. Some ~~new buildings have been of late~~ allowed to spring up in this locality which is a great mistake. The

~~Mr. J.—3/1000—1.6.~~

President

24

Residents' attention is invited to para 4 of Govt. Orders Nos 1287-90/Fml 347-16-4 dtd 24-7-1908 prohibiting the erection of buildings in the locality between the Cumbum Bazaar and Gangamchavadi and it is requested that no more buildings are permitted to be erected hereafter.

For Offg. Secretary
27/10/17.

To

The Chief Engr. with copies of notes of the 1st Committee and of the Surv. Comm.r dt 2-3-10 & 13-3-10 resp. also Surv. Comm.r with refce to para 3 offg. No 1229-32 dt 22-6-17 & 4-6-1720

Prest. Bangalore Cattle Inquiry Committee.

3 copies

Typing Section.

Please number (illegible)

(illegible)

27/8.